RCA

MM36100

TELEVISION

digital HI-RES

36" diagonal Stereo Digital High-Resolution Monitor-Receiver

- Digital TV Compatible with:
  –Up to 864,000 Pixels
  –930 Lines of Horizontal Resolution[1]
- SVGA Progressive Scan Compatible (Multiscan/Multisync)
- DPP–Digital Precision Pitch Picture Tube (0.78mm Center Screen Pitch)
- 3-Line Digital Comb Filter
- 40 Multiple Inputs Including:
  –3 A/V, Each with Auto Detectible S-Video
  –2 SVGA / VGA
  –Component Video Input (Y, Pr, Pb)
  –Front A/V with USB Port
- Picture-In-Picture[2] (NTSC Tuning)
- Master Touch® Universal Remote

RCA

Changing Entertainment. Again.

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MM36100

Picture

The RCA High-Resolution Digital Monitor is our most versatile TV ever.

The RCA brand has always offered innovative technologies to enhance your home entertainment experience. The RCA Digital High-Resolution Digital Monitor lives up to this commitment by offering outstanding picture performance and multiple connectivity options. This is the perfect vehicle to help you make the transition into the world of HDTV. The RCA Digital High-Resolution Monitor can display 1080 *i* (interlaced) television signals when you combine this television with an RCA HD/Digital Receiver. In addition, with its 40 audio and video inputs the RCA High-Resolution Monitor has much more to offer outside the world of HDTV. It's the perfect display for your computer, VCR, standard TV broadcasts, video games and your DVD player—and they can all be connected at the same time!

It's what goes on behind the screen that makes this picture incredible.

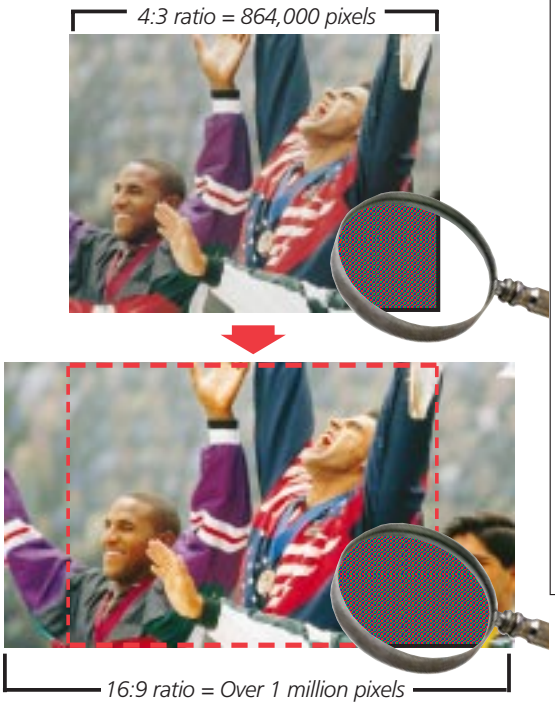
The RCA Digital High-Resolution Monitor delivers an incredible picture.

It starts with a **Digital Precision Pitch Picture Tube** which features a 0.78mm center screen pitch that delivers crisp focus and incredible color. An INVAR shadow mask is combined with 65 watts of concentrated picture power to deliver a bright and sharp picture.

The RCA Digital High-Resolution Monitor is a **true SVGA 800x600 pixel progressive scan, (multiscan/multisync) display.** This gives you professional quality monitor capability with a multiscan/multisync system that automatically detects signals with horizontal scan rates from 15.7 kHz to 37.7 kHz. Connecting your computer to this SVGA input delivers 480,000 pixels of resolution.

The quality picture delivered to your screen can be precision tuned to your needs with the **Video and Text/Graphics Modes.** These deliver the optimum picture performance whether you are watching an HD movie or surfing the web.

Combining the Digital High-Resolution Monitor with a DTC100 High-Definition Digital Receiver will provide you an HDTV quality picture.

Within the monitor's 4:3 aspect ratio viewing area, you receive the same pixel resolution inch for inch as with an HDTV picture. It is the 30% wider 16:9 aspect ratio screen that defines HDTV resolution.

High Performance Video System

- **3-Line Digital Comb Filter**
  Separates black-and-white detail from color information to virtually eliminate edge crawls and rainbow effects while extending picture resolution.
- **High Performance Video Amplifier**
  Delivers high resolution and clarity by extending the video frequency response. Optimizes performance from high-resolution sources such as the RCA Satellite System, DVD players, and S-Video signals (S-VHS, Hi8).
- **Dynamic BlackStretch Circuitry**
  Extends black levels in bright scenes to enhance contrast and detail.
- **Dark-Tint, High-Contrast Picture Tube**
  Delivers outstanding picture contrast for blacker blacks, brilliant whites, and deep rich colors even in bright room conditions.
- **Deluxe Shielded Tuner with 181-Channel Tuning Capability**[3]
  Special shielding dramatically reduces ghosting caused from off-air pick-up when watching cable channels. Digitally-controlled frequency synthesis tuning system "locks on" to cable and standard signals with unsurpassed accuracy.
- AutoColorControl
  Automatically maintains natural flesh tones and color fidelity from channel to channel and scene to scene.
- **Auto Color Balance**
  Resets individual picture tube guns (Red, Green, Blue) to maintain consistent overall picture quality for the life of the tube.
- **Adaptive Video Noise Reduction**
  Video noise filter greatly reduces noisy picture interference by automatically adjusting to the incoming signal level, providing a cleaner and more consistent overall picture.
- **High Performance Scan Velocity Modulation (SVM)**
  Improved SVM circuitry automatically varies the scanning speed of the picture tube's electron beam to improve sharpness and detail especially in high contrast areas.
- **High-Resolution Dynamic Focus Electron Gun**
  Specifically designed to optimize picture performance of Digital Precision Pitch Picture Tube. Improves corner and edge focus for an overall sharper picture.

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Sound

- **Broadcast Stereo with dbx[4] Noise Reduction**
  Improves the clarity and fidelity of stereo broadcasts by restoring dynamic range and suppressing unwanted noise.
- **SRS (●) Sound Retrieval System[5]**
  Brings dimensional realism to television audio without the need for additional speakers. Restores the information used to determine distance and direction turning normal audio into a three-dimensional sensation.
- **Second Audio Program (SAP)**
  Decodes the second audio program available on some broadcasts.
- **Front-Fired Speaker System**
  Front-fired speakers offer 7.5 watts per channel of audio power. Provide excellent imaging while localizing voices at the screen.

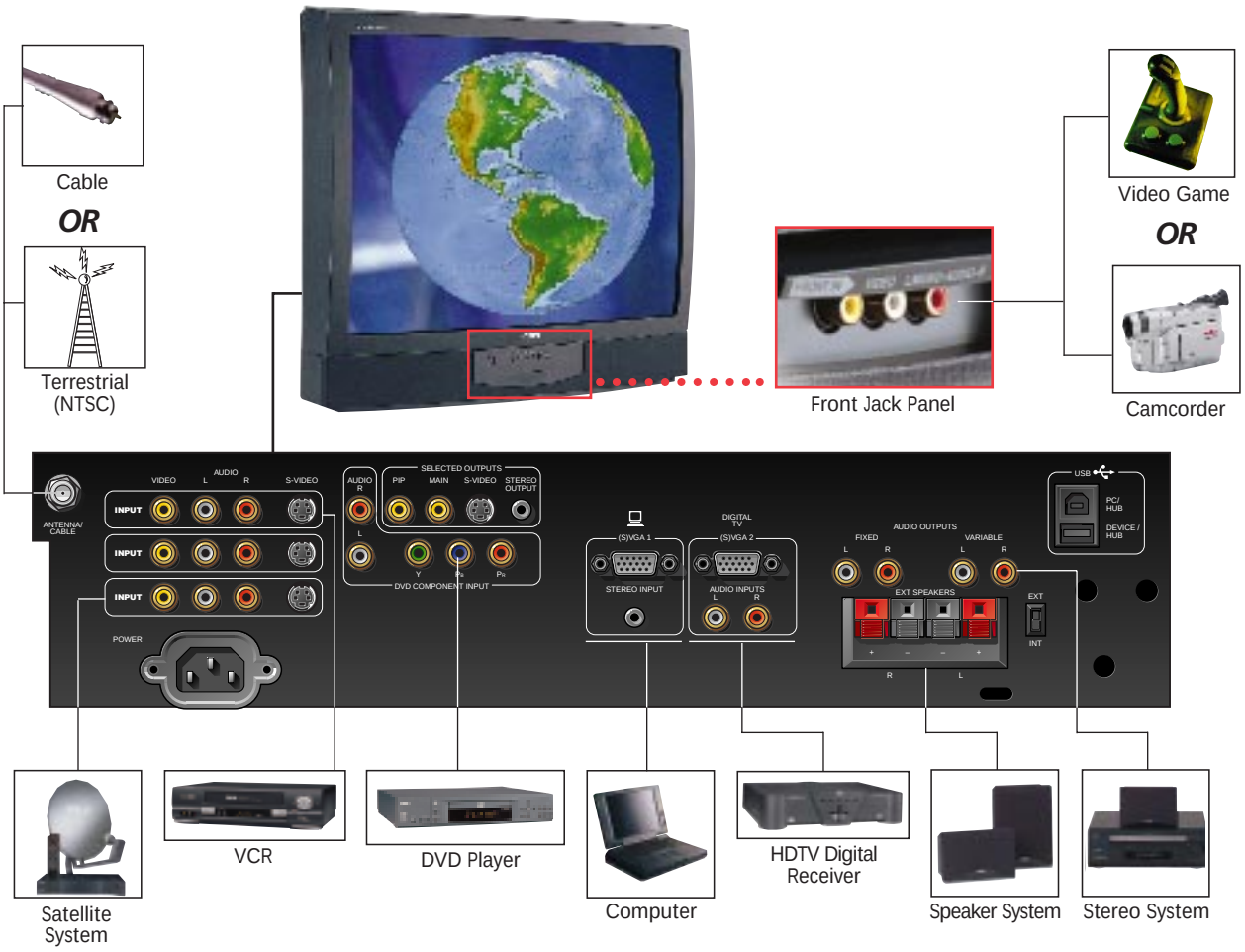
Remote

➤**Master Touch® Universal Glo-In-The-Dark Remote, CRK76TD3**

Connections

Connects Your World For Today And Tomorrow

To maximize the performance of the Digital High-Resolution Monitor, connect an RCA Satellite System. And the addition of the RCA DTC100 HDTV Digital Receiver provides up to 864,000 pixel capability and will enable reception of high-definition programming when it becomes available.



40 Multiple Inputs/Outputs

- **Audio/Video Monitor Panels**
  Feature 35 rear panel and 5 front panel connectors for: Coaxial antenna, three composite/three S-Video A/V inputs, Y-Pr-Pb component video inputs, two D-sub SVGA inputs (one supports PC connection with a mini-plug audio jack for PC applications, the second SVGA input with RCA-type audio jacks provides connection for an HDTV converter or other high-resolution source component).

  Composite outputs with RCA-type jacks provide A/V system connection versatility.
- **USB Connection System**
  The monitor/receiver is complete with Universal Serial Bus (USB) Port connection system which provides connection convenience with the latest USB compatible PCs. Front and rear panel USB jacks allow connections up to 127 USB peripherals such as game pads, joysticks, keyboards, and digital video cameras to be configured with the monitor.
- **SVGA Inputs**
  VGA monitor "plug-and-play" convenience is supported via EDID data reporting through DDC2B protocol.

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Convenience

- **Color Picture-In-Picture**[2]
  Watch two programs at the same time—both in color. Remote-controlled operation includes Picture-In-Picture On/Off, Move and Swap.
- **Picture Reset**
  Instantly returns picture to factory settings for Color, Tint, Contrast, Brightness, and Sharpness.
- **Advanced Auto Channel Search**
  Auto Cable/Air Switch sets tuner to cable or "off-air" frequencies during initial setup. Then system automatically scans for and locks active channels into channel memory.
- **On-Screen Menu System**
  On-screen displays make it easy to adjust more picture, sound, and convenience features from either the remote control or the TV front panel buttons.
- **Interactive Setup Menu**
  Convenient on-screen menu system automatically steps user through the initial setup procedures.
- **ChannelLabeling**
  Assign on-screen characters to easily identify channels (e.g. NBC, HBO, ESPN, VH-1).
- **V-Chip Parental Control**
  Puts control back into the hands of the viewer by blocking unwanted television broadcasts with NEW U.S. Government required circuitry. Blocks three types of programs: regular television programs, broadcast movies and *unrated* programs.
  Program rating information is sent by the broadcaster before the beginning of each program. The television will match program rating to user preference and block the entire program. User preference is secured using a four-digit password.

Specifications

	MM36100
Screen Size (diagonal)	36"
Finish	Ebony Texture
Cabinet Dimensions	30 9/10" H, 33 3/5" W, 24 3/10" D
Approx. Shipping Weight	190 Lbs.
Lines of Horizontal Resolution	930

Plus

- **Limited Warranty**
  –One year for labor charges.
  –One year for parts.
  –Two years for picture tube.
  –See RCA dealer for complete details.

1 Lines per picture width, 700 lines based on EIA measurement criteria.
2 VCR or second video source required
3 Check your cable company's compatibility requirements.
4 dbx is a registered trademark of Carillon Electronics Corporation.
5 SRS, the SRS symbol and Sound Retrieval System are registered trademarks of SRS Labs, Inc.

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Get more information on
RCA Consumer Electronics Products at www.rca.com

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